

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
Lucy M. Bull et al.

Application No.: 10/613,421

Filing Date: July 2, 2003

Title: ION EXCHANGE METHODS OF TREATING A FISCHER-TROPSCH DERIVED HYDROCARBON



Group Art Unit: 1764

Examiner: Walter Dean Griffin

Confirmation No.: 5150

FIFTH  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIFTH Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

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By Melissa M. Hayworth  
Melissa M. Hayworth  
Registration No. 45,774

Date: October 25, 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )

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For: ION EXCHANGE METHODS OF )  
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) Group Art Unit: 1764

) Examiner: Walter Dean Griffin

) Confirmation No.: 5150



**FIFTH INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), a statement is enclosed.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement. The document submitted were cited in a Netherlands Search Report dated August 16, 2005.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date October 25, 2005

By: Melissa M. Hayworth  
Melissa M. Hayworth  
Registration No. 45,774

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Alexandria, Virginia 22313-1404  
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Substitute for form 1449A/PTO & 1449B/PTO		<b>Complete if Known</b>	
<b>FIFTH</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>		Application Number	10/613,412
		Filing Date	July 2, 2003
		First Named Inventor	Lucy M. Bull et al.
		Examiner Name	WALTER DEAN GRIFFIN
Sheet <b>1</b> of <b>1</b> (Use as many sheets as necessary)		Attorney Docket Number	005950-811

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,136,021		Whitehurst	01-23-1979
	4,605,678		Brennan et al	08-12-1986
	5,082,569		Homeier et al.	01-21-1992
	5,827,903		White et al.	10-27-1998
	5,976,358		Sartori et al.	11-02-1999

FOREIGN PATENT DOCUMENTS											
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	0011484		Europe	05-28-1980				X			

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Netherlands Search Report dated August 16, 2005

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.